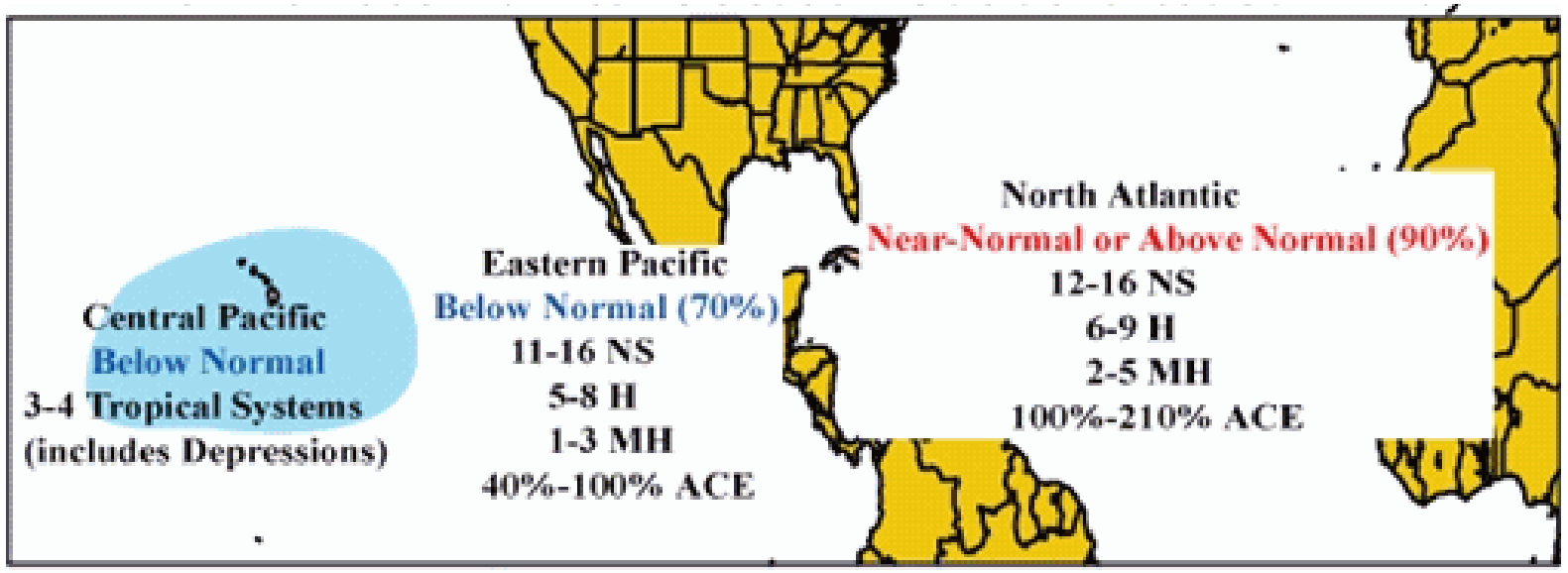
US Army Corps of Engineers®

2008 ATL Training

Mr. Edward J. Hecker
Chief, Office of Homeland Security
U.S. Army Corps of Engineers

US Army Corps of Engineers®

Outlook for: 2008 Pacific Hurricane Season



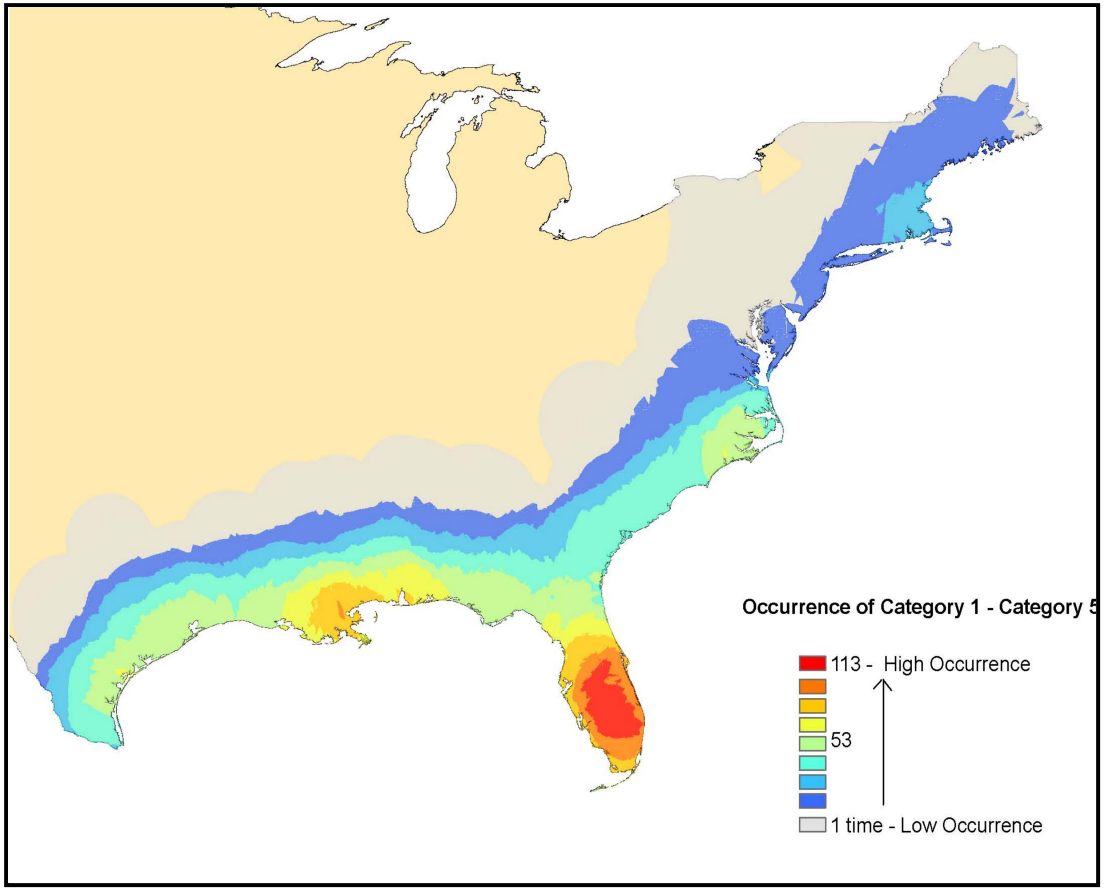
NOAA's 2008 seasonal hurricane outlooks indicate the likely ranges (each with a 60%-70% chance) of Named Storms (NS), Hurricanes (H), Major Hurricanes (MH), and Acccumulated Cyclone Energy Index (ACE).

The outlooks indicate a 90% chance of a near- normal to above-normal Atlantic hurricane season, and a 70% chance of a below-normal Eastern Pacific hurricane season. Also likely is a below-normal hurricane season for the Central Pacific.

US Army Corps of Engineers®

Landfall Outlook for: 2008 Atlantic Hurricane Season

- **Probability for direct hit from major hurricane* (CAT 3, 4, 5) on:**
  - **Entire US Coastline: 69%**
  - **Average last century 52%**
  - **US East Coast (inc FL): 45%**
  - **Gulf Coast (FL Panhandle westward to Texas: 45%**
- **Above average major hurricane landfall risk in Caribbean**



Historical occurrences of hurricane strike on US coastline

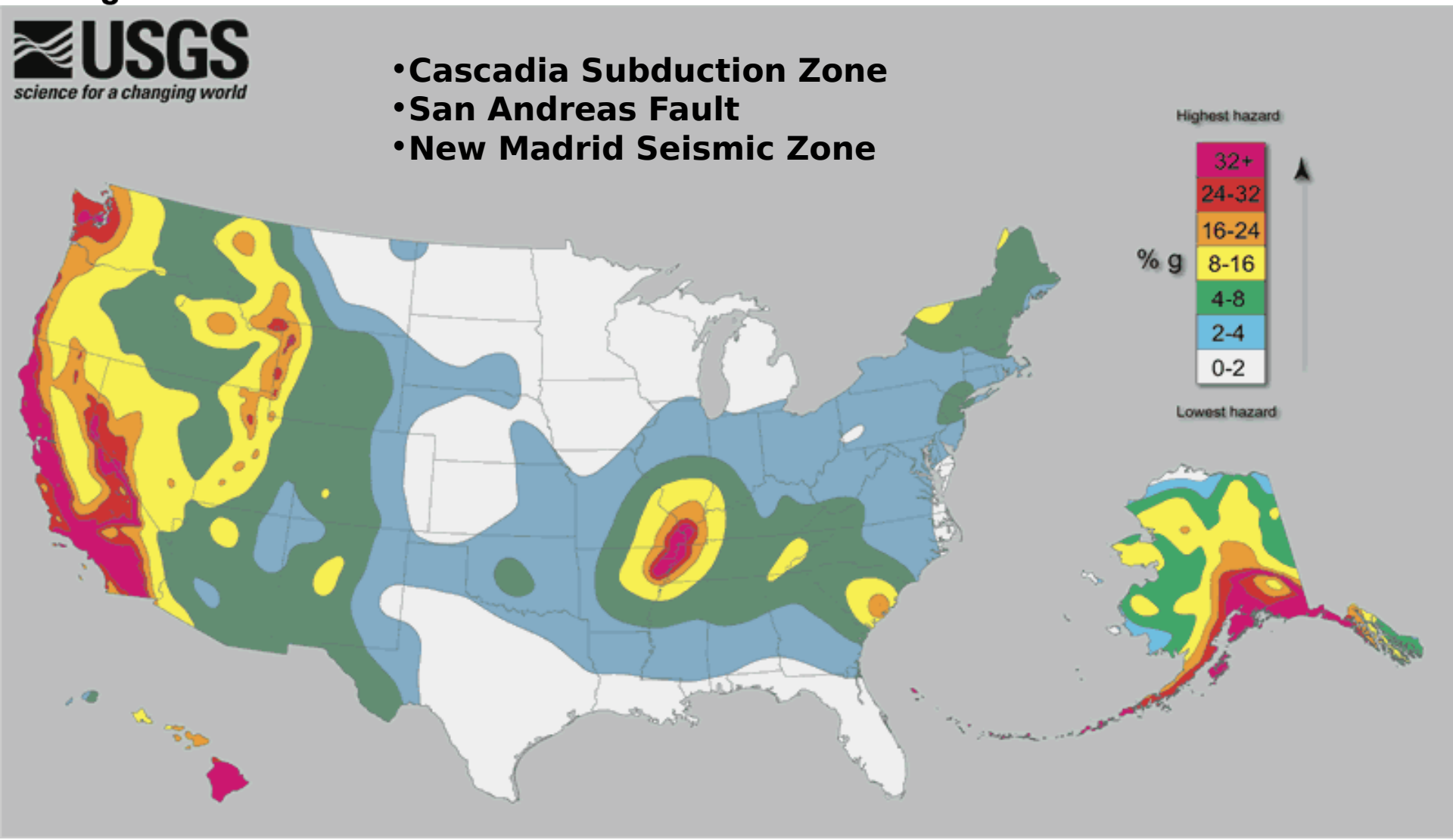
* Source: Drs. Gray and Klotzbach, Colorado State University

US Army Corps of Engineers®

Earthquake Threat - Overdue in U. S

USGS science for a changing world

- Cascadia Subduction Zone
- San Andreas Fault
- New Madrid Seismic Zone



* Petersen, M.D, 2008 USGS

USACE Personnel Mission Support

US Army Corps of Engineers®

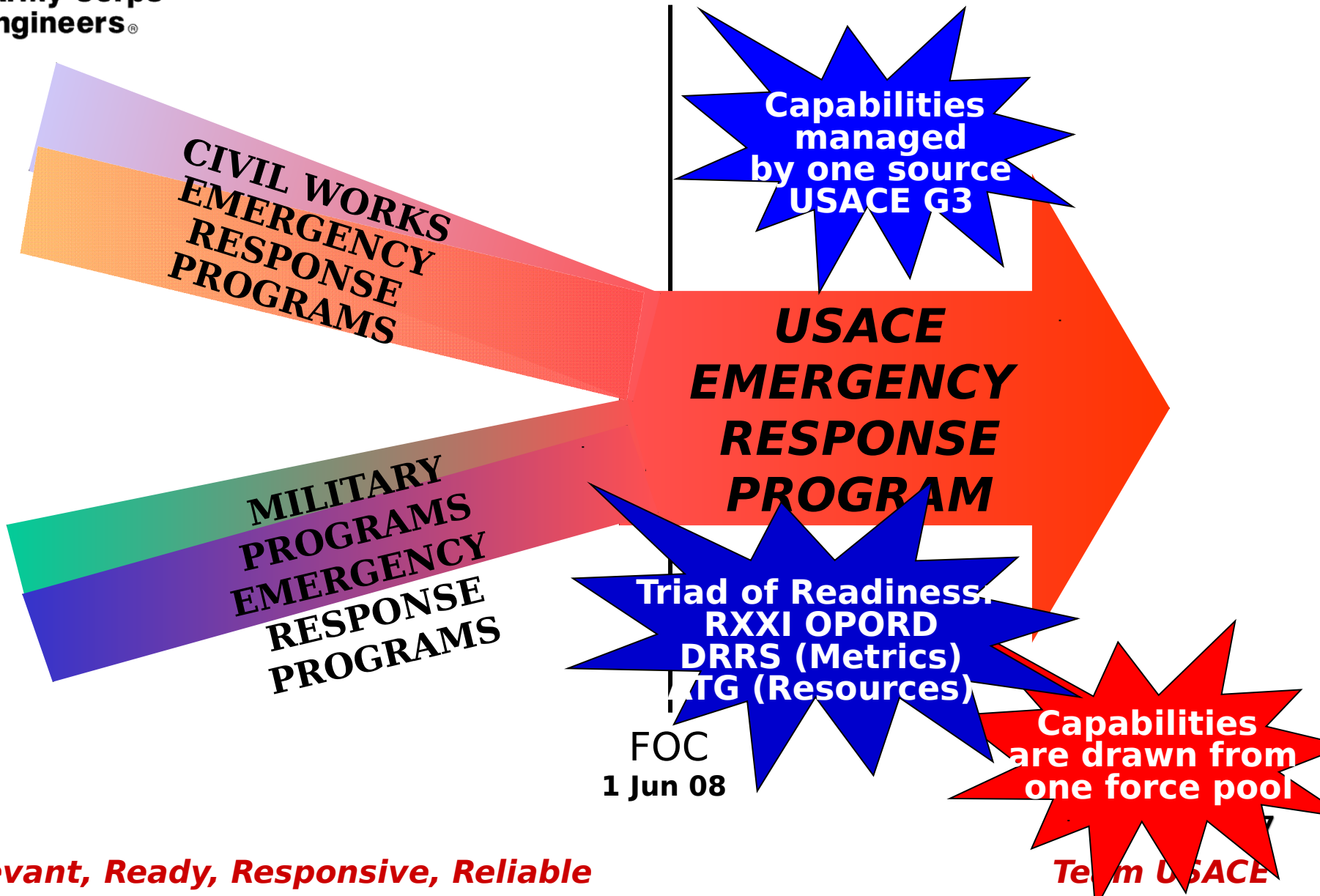
EVENT	Spring Snowmelt Flood		Midwest Flooding		Maine Flooding		Midwest Tornadoes, AR & TN		Direct Support to FEMA HQ & REG IV		2005 Events (Katrina / Rita)		EVENTS TOTAL	
	MAY 08		MAR/APR 08		APR 2008		FEB 2008		ONGOING		AUG/SEP 2005			
UNIT	Cur	Chg	Cur	Chg	Cur	Chg	Cur	Chg	Cur	Chg	Cur	Chg	Cur	Chg
HQ/Other														
249th PP														
LRD									10		2		12	
MVD			83				1		1		56		141	
NAD					3						2		5	
NWD	25										4		4	
POD														
SAD/RSC									1		2		3	
SPD														
SWD							3				1		4	
JTFs														
FOAs/Ctrs											1		1	
RAO (Ret)											29		29	
RESDRO											11		11	
TOTAL	25	0	83	0	3	0	4	0	12	0	108	0	232	

US Army Corps of Engineers®

RXXI OVERVIEW

Readiness XXI – Strategic Vision

US Army Corps of Engineers®



US Army Corps of Engineers®

COMMANDER'S INTENT

- **Fully support the Army, DoD, DHS, DoS, NATO and the Nation for domestic incidents response and military contingencies while successfully executing our civil and military programs.**

- **Enhance our capabilities to meet new challenges for all contingencies, at home and abroad.**

- **Ensure USACE has credentialed/trained high performance expeditionary teams that meet the published readiness standards to be rated "green", and positioned to support all domestic incidents and military contingencies with readiness as a specified mission.**

- **Set high standards of performance with standardization of basic processes (SOPs). Train and measure readiness to the standard.**

US Army Corps of Engineers®

Chief's Priorities

- Support the GWOT and the Expeditionary Forces
- Improve quality of support to Soldiers and their Families, Civilians and their Families and the Public
- Complete the transformation of the Theater Engineer Commands
- Effectively plan for and execute Disaster Relief
- Enable Gulf Coast Recovery
- Deliver on Military, Civil Works, Regulatory and R&D Programs and Projects

US Army Corps of Engineers®

RXXI Cross-Walk with Campaign Plan

- Goal 1: Deliver USACE Support to combat, stability & disaster operations through forward deployed and reachback capabilities
  - Obj 1a: USACE is ready, responsive and reliable in delivering high performance, all-hazard, contingency mission execution in a world-wide theater of operations
  - Obj 1b: Prepare Theater Engineer Commands to support Combatant Commanders throughout the spectrum of conflict
  - Obj 1c: Establish human resources and Family support programs that promote readiness and quality of life
  - Obj 1d: Institutionalize USACE capabilities in interagency policy and doctrine

US Army Corps of Engineers®

RXXI Cross-Walk with Campaign Plan

- Goal 3: Deliver innovative, resilient, sustainable solutions to the armed forces and the Nation

  - Obj 3b: Improve resilience and lifecycle investment in critical infrastructure

US Army Corps of Engineers®

Good to Great

- **Disciplined people**: USACE Leadership aligns (with missions), recruits, develops and energizes the contingency workforce of the present and future. Every USACE team member knows their contingency role and is prepared to perform.

- **Disciplined thought**: RXXI engages a process of continuous improvement keyed to USACE mission priorities, capabilities, campaign plan objectives and external partnerships.

- **Disciplined action**: USACE Headquarters, MSCs and Districts act as one (Team USACE) to provide consistent, sustained, high performance in executing contingency missions in a world wide theater of operations.

US Army Corps of Engineers®

Contingency Missions

1. Execute NRF Missions

2. Support the Department of Defens

3. Execute Corps missions

ESF #3
Public Works and Engineering

US Army Corps of Engineers®

- **ESF Coordinator:**
  Department of Defense/U.S. Army Corps of Engineers

- **Primary Agencies:**
  Department of Defense/U.S. Army Corps of Engineers
  Department of Homeland Security/Federal Emergency Management Agency

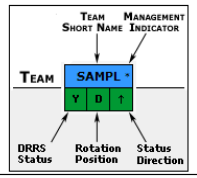
- **Support Agencies:**
  Department of Agriculture
  Department of Commerce
  Department of Defense
  Department of Energy
  Department of Health and Human Services
  Department of Homeland Security
  Department of the Interior
  Department of Labor Department of State
  Department of Transportation
  Department of Veterans Affairs
  Environmental Protection Agency
  General Services Administration
  Nuclear Regulatory Commission
  Tennessee Valley Authority
  American Red Cross

“Support and sustain the response and initial recovery.”

PRT Readiness Status

US Army Corps of Engineers®

ESF 3 Mission PRT Readiness Status



	LRD	MVD	NAD	NWD	POD	SAD	SPD	SWD
Combined Commodities (SWD)	LRE Y 6	MVR Y 2	NAO Y 3	NWS Y 7		SAW Y 5	SPN Y 4	SWG Y 1
Debris Removal (MVD)	LRL Y 4	MVN Y 5	NAB Y 1	NWP Y 6		SAM Y 3	SPK Y 2	SWF Y 7
ESF #3 Support Team (NAD)	LRD N 4	MVD N 3	NAD Y 1	NWD N 2			SPD N 5	
Emergency Power (LRD)	LRP Y 2	MVM Y 7	NAP Y 4	NWW Y 5	POH Y 3	SAS Y 1		SWT Y 6
Infrastructure Assessment (SPD)	LRB Y 4			NWS Y 3	POA Y 2		SPK Y 1 ↑	
National Ice (SAD)						SAC Y 1	SPA Y 2	
National Water (NAD)			NAE Y 2	NWK Y 1				
Temporary Housing (SAD)	LRH Y 5	MVP Y 1	NAN Y 3		POD Y 4	SAS Y 2	SPL Y 6	
Temporary Roofing (NWD)	LRN Y 3	MVS Y 2		NWO Y 4		SAJ Y 1 ↑		SWL Y 5

PLANNING & PRT RESPONSE TEAMS

Field Force Engineering PRT Readiness Status

FFE Rotation

Priority	CIRT	FEST-M	FEST-A	BDT	IAT	LST	CREST	ENVST
STAND BY								
1.		TAC	POJ	LRL	SAM	NAD	NWD	SAD
2.			SAM	NAE		NWD	SAD	POD
3.			SAS	NWS		SPD	MVD	LRD
4.			SWF	POA		POD	NAD	MVD
5.			SWL	POH		SWD	SPD	SPD
6.			SWT	NAB		SAD	SWD	NAD
7.			NAN	SAM		MVD	LRD	SWD
8.			NAU	SWF		LRD	POD	NWD
9.			POA	SWL				ERD
10.			LRB	SWT				
11.			HQ					

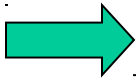
Legend	
GREEN	All positions filled. Management cell completed annual training. Not more than 50% turnover in team members assigned since last year.
AMBER	All positions filled. Management cell has not completed annual training. 50-75% turnover in team member has occurred since last year.
RED	Any position not filled or 75-100% team member turnover.

Updated by: DYE, GARY at: 02-APR-2008 15:14:41 Zulu

ESF#3 Team Leader Cadre

US Army Corps of Engineers®

- Trained/Certified Cadre (5 Permanent Cadre Team Leaders, 19 Team Leaders, 37 Assistant Team Leaders)
- Available for deployment:
  - NRCC
  - RRCC
  - ERT-A/N
  - ERT
  - JFO



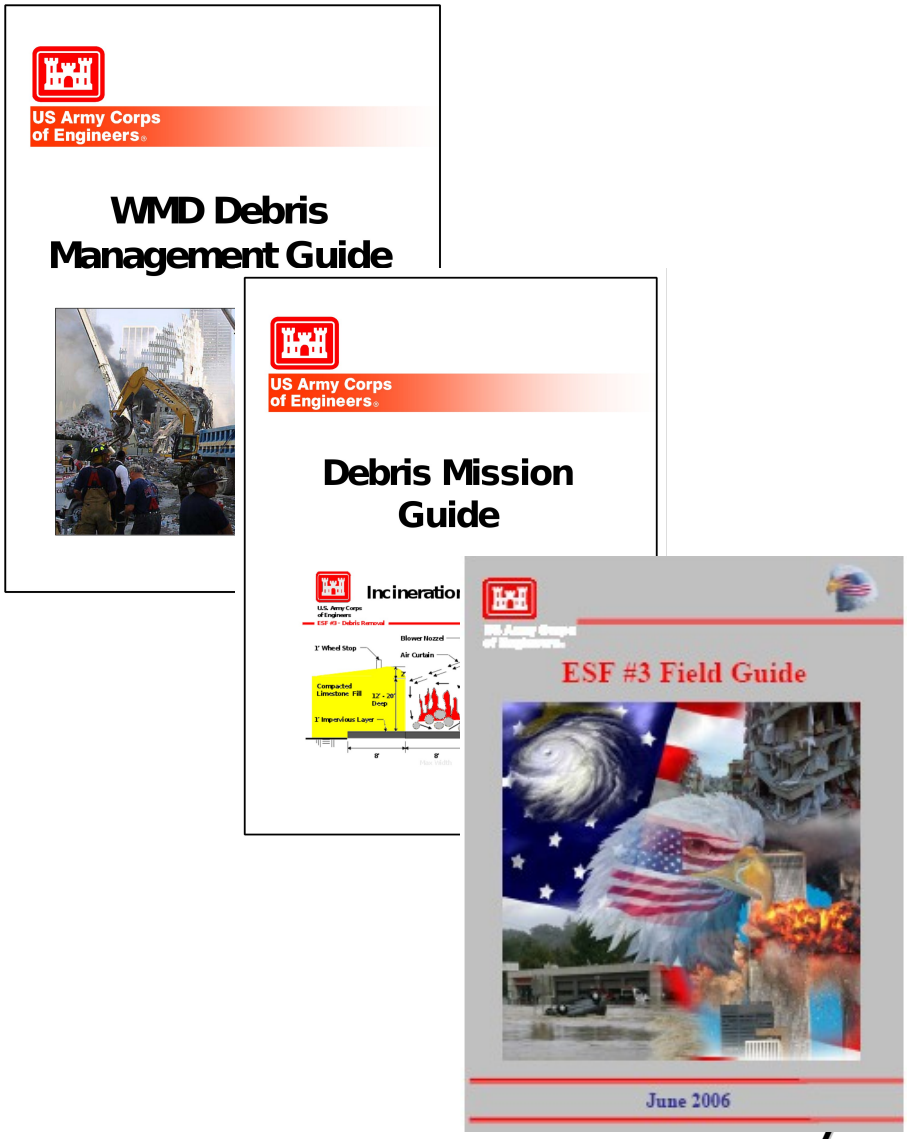
IMATs

US Army Corps of Engineers®

SOP and FOG

Standard Operating Procedure: *A reference document, detailing the procedures for performing a function (who deploys, when, where and how organize).*

Field Operations Guide: *A durable pocket or desk guide, containing essential nuts-and-bolts information needed to perform specific assignments or functions.*



US Army Corps of Engineers®

Advance Contract Initiative

US Army Corps of Engineers®

Readiness Initiatives

- Reemployed Annuitant Cadre Program
- Reserve Support to Disaster Relief Operations (RESDRO)
- Support Agencies Assistance
- NORTHCOM Support Plan-Joint Task Force (JTF)

US Army Corps of Engineers®

ESF#3 TL/ATL
“Key Elements for Success”

US Army Corps of Engineers®

"Key Elements for Success"

- **When activated & deployed for field operations, come to the ERT-A prepared to be self-sufficient, and have a plan/strategy ready**

US Army Corps of Engineers®

"Key Elements for Success"

- **Establish Effective Relationships &/or Communications**
  - **ERT-A Team Leader / FCO**
  - **ROC / ESF#3 Cell**
  - **Div & Dist Commanders / EOCs**
  - **Div Forward / RFO Commander**
  - **ESF#3 Cell – OPCON to FCO**
  - **FCO & other ESFs and DCO/DCE**

US Army Corps of Engineers®

"Key Elements for Success"

- **Strive to maintain a "Big Picture" focus and delegate effectively**

- **Be <u>proactive</u> and <u>decisive</u> at all times**

US Army Corps of Engineers®

"Key Elements for Success"

- **Assure that all 3 key operational functions are being effectively executed**
  - **Tactical (Assessment/Scoping/Execution)**
  - **Information/Communication**
  - **Strategic**

US Army Corps of Engineers®

"Key Elements for Success"

- **Keep an "eye" on PL 84-99 operations & USACE projects**
- **Watch for signs of stress and carefully manage staff "transitions"**

US Army Corps of Engineers®

"Key Elements for Success"

- **Develop initial mission closeout templates at an early stage of operations**

- **Keep good notes on lessons learned and get engaged in the after action process**

US Army Corps of Engineers®

"Key Elements for Success"

- **Develop an IDP to include both USACE & FEMA response operations training: Stay current**

US Army Corps of Engineers®

Closing Comments/Questions